

### Gca a Yf'&\$&(.'5i [ i gh'a ]h'FY\_cfX\]hnY' ?Y]b'9bXY']b'G]W\h'

A YhYcfc`c[Yb'gU[Yb'ZØf'8Yi hgW\`UbX'Y]bYb'bYi Yb <]hnYgW\i V']a '5i[i gh'&\$&('j cfUi gž'HYa dYfUhi fYb'V]g'ni '\*'; fUX'Yfk UfhYh"

±0.8 Yi hgW\`UbX`gW\Y]bYb`X]Y`gca a Yf`]W\Yb`HYa dYfUhi fYb`hfchn Y]bYg`\_Øfn`]W\Yb`FY[YbgW\Ui Yfg`ni fØW\_ni \_Y\fYb"`A YhYcfc`c[Yb Yfk UfhYbž`XUgg`XYf`5i[i gh`&\$&(`bcW\`Y]ba U``\_fÀZh][`Ui ZXfY\h i bX`X]Y`HYa dYfUhi fYb`ØVYf'`\$'; fUX`\_`YhhYfb"`BUW\`Y]bYa ZYi W\hYb`K YhhYfUVgW\b]hh`]gh`XUg`@UbX`ZUXYb[Yk YVh`nk ]gW\Yb ghUf\_Yb`B]YXYfgW\`À[Yb`i bX`gca a Yf`]W\Yb`< ÒW\ghk YfhYb"

8 Yf'A YhYcfc`c[Y'8ca]b]\_'\$ b['jcb'k YhhYf"bYh'k Ufbh'YXcW\'b]W\h
jcf'Y]bYf'gcZcfh][Yb'FØW\_\_Y\f'nia'jca'<YfVgh'Xca]b]YfhYb
K YhhYf"'8 Yf'A]hhk cW\'k]fX'XYf'\_A`hYghY'HU['XYf'K cW\Y'gY]bž
UVYf'gW\cb'[Y[Yb':fY]hU['gY\Yb'k]f'X]Y'bÀW\ghYb'<]hnYd\UgYb ž
\_ca a Ybh]Yfh'Yf'X]Y'U\_hi Y``Y'K YhhYf`U[Y"'8UVY]'ghY``h'Yf'ZYghž'XUgg
Y]b'5ncfYb!<cW\!5V`Y[Yf'Ui Z'XYa'K Y['bUW\'8Yi hgW\`UbX']gh'

## 9]b \ Y]» Yf 5i [ i gh. 'A YhYcfc`c[ ]gWX Y J cf\ YfgU[ Yb

=a 'A ca Ybh']gh'XYf'5i [i gh'&\$&('Ui Z'FY\_cfX\_i fgž'À\b`]W\'k ]Y']a

\*J\f'XYg'J\f\i bXYfhgca a Yfg '&\$\$' "'\* b[ 'VYhcbhž'XUgg'X]YgYf
Gca a Yf'&\$&('ni 'XYb'nY\b'k Àfa ghYb'gY]h'6Y[]bb'XYf

5i ZnY]W\bi b[Yb']a '\*J\f'%, , %'nÀ\`Yb'\_ObbhY''8]Y

Xi fW\gW\b]hh`]W\Y'HYa dYfUhi f']b'X]YgYa '5i [i gh'\_ObbhY'i a 'X]Y

&\$\f'\text{2}) '; fUX'']Y[Yb''8]Yg'j YfXYi h`]W\hž'k]Y'i b[Yk O\b`]W\X]Y

K YhhYf`U[Y']gh'i bX'k]Y'g]W\X]Y'?`]a UYbhk]W\_`i b['Ui Z'X]Y

\*J\fYgnY]hYb'Ui gk]f\_h"

8 Ugʻ5ncfYb! < cWkʻ\_ObbhYʻ\Y`ZYbž'X]Yʻ\_U`hYʻNi [`i Zhʻ]bʻGWkUWkʻni \U`hYbʻi bXʻghUhhXYggYbʻZØfʻ gcbb][Ygžʻk Ufa Ygʻi bXʻhfcW\_YbYg K YhhYfʻni ʻgcf[Yb"'8]YgYʻ9bhk]W\_`i b[Ybʻ`UggYbʻUi ZʻY]bY Ub\U`hYbXYʻGca a Yfk Àfa YʻV]gʻ]bʻXYbʻGYdhYa VYfʻ\cZZYb"': ØfʻX]Y \_ca a YbXYbʻHU[Yžʻ]bgVYgcbXYfYʻUa ': fY]hU[ʻi bXʻGUa ghU[ž dfc[bcgh]n]YfhʻXYfʻ8Yi hgWkYʻK YhhYfX]Ybghʻ< OʻWkghk YfhYʻj cbʻV]g ni '' %'; fUX"'8YbbcWkʻV`Y]VhʻX]YʻA Oʻ[`]Wk\_Y]hʻUi Zʻj YfY]bnY`hY; Yk]hhYfʻb]Wkh'Ui g[YgWk`cggYb"

#### $K YhhYf`U[Y'ibX']\fY'6YXYihib[$

 $8 ]Y K YhhYfj cfYfgU[Y']gh'b]Wk h'bi f'ZØf'XYb'5``hU['j cb'6YXYi hi b["'9g'\Uh'Ui Wk'k]fhgWk UZh`]Wk Y=a d`]_Uh]cbYbž \\ ]bgVYgcbXYfY'ZØf'X]Y'@UbXk]fhgWk UZh'i bX'X]Y'Hci f]ga i gVfUbWk Yž X]Y'Ui Z'ghUV]`Y'K YhhYfVYX]b[i b[Yb'Ub[Yk]YgYb'g]bX"'9]b'ghUV]`Yf <cWk Xfi W_VYfY]Wk ž'k]Y'Yf'Xi fWk'XUg'5ncfYb! <cWk'ni 'Yfk UfhYb]ghž_Ubb'X]Y'9fhfÅ[Y']b'XYf'@UbXk]fhgWk UZh'dcg]h]j 'VYY]bZi ggYbž]bXYa 'Yf'[Øbgh][Y'K UWkghi a gVYX]b[i b[Yb'gWk UZh'"$ 

8]Y'K YhhYfYI dYfhYb'g]bX'g]WX'Y]b][ ž'XUggž'cVk c\``i bg'\_U`hYg K YhhYf'j cfYfgh'b]WXh'Yfk UfhYhž'X]Y'K YhhYf`U[Y'ZØf'5i [i gh'\_Y]bY GY`Vghj YfghÀbX`]WX\_Y]h'XUfghY``h''8Yf'5bZUb['XYg'A cbUhg'k Uf Xi fWX'Ub\U`hYbXY'B]YXYfgWX`À[Y'[YdfÀ[h'[Yk YgYbž'X]Y'j]Y`Y ØVYffUgWXh'\UVYb'XØfZhYb'''8cWX'X]Y'K YhhYfdfc[bcgYb'XYi hYb'Ui ZY]bY'VU`X][Y'FØW\_\_Y\f'XYf'gca a Yf`]WXYb'HYa dYfUhi fYb'\]b"

8]Y'8]g\_i gg]cb'ØVYf'X]YgY'K YhhYfj YfÀbXYfi b[Yb'ZØ\fh'ni 'Y]bYak Y]hYfYb'Di b\_h'X]Y'< YfUi gZcfXYfi b[Yb'XYg'?`]a Uk UbXY`g"

K YhhYfYl hfYa Y'k]Y'd`Òhn`]WXY'HYa dYfUhi fk YWXgY`'i bX

`Ub[Ub\U`hYbXY'<]hnY!'cXYf'FY[YbdYf]cXYb'k YfXYb

k U\fgWXY]b`]WX'\Ài Z][Yf'Ui ZhfYhYb"'> b['k Ufbhž'XUggž'cVk c\`'XYf

Gca a Yf'&\$&('Y]bYb'k Ufa Yb'JYf`Ui Z'b]a a hž'`Ub[Zf]gh]['[YgY\Yb

GWXk]Yf][\_Y]hYb'Xi fWX'i bfY[Y`a À»][Y'K]hhYfi b[gVYX]b[i b[Yb
YbhghY\Yb'\_ObbhYb"

@YhnhYbX`]W\`nY][h'g]W\ž'XUgg`X]Y`K YhhYfVYX]b[ib[Yb']a '5i[igh &\$&( 'a Y\f'U`g'bif'Y]bY'\_ifnZf]gh][Y'D\UgY`XUfghY``Yb"'K À\fYbX X]Y`A YbgW\Yb'g]W\`Ui Z'Y]bY': cfhgYhnib['XYg'Gca a Yfg'ZfYiYbž

a U\bYb'9I dYfhYb'[`Y]W\nY]h]['ni f'5W\hgUa \_Y]h''8Ug Ni gUa a Ybgd]Y`'nk ]gW\Yb'HYa dYfUhi fž'B]YXYfgW\`À[Yb'i bX ?`]a UZU\_hcfYb']gh'\_ca d`YI'i bX'b]a a h'9]bZi gg'Ui Z'j ]Y`Y @YVYbgVYfY]W\Y"

#### K YhhYfdfc[bcgY]a 5i[YVY\U`hYb

± XYb '\_ca a Yb XYb 'HU[ Yb 'gc ``hY 'YXYfž XYf 'D`ÀbY ']a ': fY]Yb '\Uhž Y]b '5i [ Y 'Ui Z'X]Y 'K YhhYfi d XUhYg '\UVYb " C V 'a Ub 'Y]b Yb '5i gZi [ d`Ubh c XYf ']a '; UfhYb 'UfVY]hYhž XUg 'K YhhYf 'k ]fX 'Yb hg W Y]XYb X gY]b " I b X 'k À\fYb X 'X]Y 'Dfc[ bcgYb 'U\_hi Y``'Ui Z'K Àfa Y 'i b X Gcbb Ybg W Y]b '\]b XYi hYbž 'V 'Y]Vh 'XYbbc W 'X]Y ', VYff Ug W i b[ 'XYg K YhhYfg 'Y]b 'i bj Yfn] W hV Uf Yf 'HY] '`XYf 'XYi hg W Yb 'Gca a Yfa cb UhY"

8 U\Yf']gh'Yg'fUhgUa ž'g]W\'b]W\h'bi f'Ui Z'X]Y'J cf\YfgU[Y'ni j Yf`UggYbž'gcbXYfb'g]W\'Ui W\'Ui Z'd`Òhn`]W\Y'K YhhYfi a ghY``i b[Yb j cfni VYfY]hYb"'8Ybb'Ui W\'k Ybb'XYf'<cW\gca a Yf'fi Zhž'\_Ubb'YXY K YhhYf`U[Y']\fY'Y][YbY'8 mbUa]\_'YbhZU`hYb"

#### K YhhYfd\Abca YbY i bX ]\fY I fgUWX Yb

8 Yf'U\_hi Y``Y'Gca a Yf']b'8 Yi hgW\`UbX'nY]W\bYh'g]W\'Xi fW\
k ]YXYf\c`hY'<]hnYk Y``Yb'i bX'i b[Yk Ò\b`]W\'\c\Y'HYa dYfUhi fYb
Ui g"'Gc`W\Y'K YhhYfd\Abca YbY'k YfXYb'\Ai Z]['Xi fW\'[`cVU`Y
?`]a Ua i ghYf'VYY]bZi gghž']bgVYgcbXYfY'Xi fW\'XUg'D\Abca Yb'XYg
?`]a Uk UbXY`g"'9g'k ]fX'VYf]W\hYhZ'XUgg'g]W\'X]Y'9fXY']b'XYb
`YhnhYb'\J\fnY\bhYb'XYi h`]W\'Yfk Afa h'\UhZ'k Ug'Ui Z'Y]bYb'5bgh]Y[
XYf'HfY]V\Ui g[UgY']b'XYf'5ha cgd\AfY'ni f@W\_ni Z@\fYb']gh"'@Ui h
XYa '\DhYf[cj Yfba YbhU`'DUbY`'cb'7`]a UhY'7\Ub[Y'f\D77\L
g]bX'X]Y'a YbgW\`]W\Yb'5\_h]j ]hAhYb'\Ui dhj YfUbhk cfh`]W\'Z@f'X]YgY
J YfAbXYfi b[Yb"

9]b'k Y]hYfYf'9]bZi gg']gh'XYf'¾hghfYUa ž'XYf'X]Y'K YhhYf`U[Y']b 9i fcdU'a U»[YV`]WX'VYY]bZi ggh"'K Ybb'X]YgYf'Xi fWX'X]Y 9fXYfk Àfa i b['Ui g'XYa'; `Y]WX[Yk]WXh'[YfÀhž'\_Ubb'Yg'ni j Yf`Àb[YfhYb'DYf]cXYb'j cb'\Y]»Ya'K YhhYf'cXYf'i b[Yk Ò\b`]WXYb K YhhYfYfY][b]ggYb'\_ca a Yb"'A YhYcfc`c[Yb'VYcVUWXhYbž'XUgg gc`WXY'9I hfYa k YhhYf`U[Yb'ni bY\a YbX'\Ài Z][Yf'Ui ZhfYhYb"

# ?`]a Uh]gW\Y'5i gk ]f\_i b[Yb'i bX <YfUi gZcfXYfi b[Yb</pre>

8]Y'Ub\U`hYbXY'<]hnY'ghY``h'b]W\h'bi f'Y]bY'<YfUi gZcfXYfi b['ZØfX]Y'A YbgW\Yb']b'8Yi hgW\`UbX'XUfž'gcbXYfb'\Uh'Ui W\ia ZUb[fY]W\Y'5i gk]f\_i b[Yb'Ui Z'I a k Y`h'i bX'@UbXk]fhgW\UZh'' GhfUhY[]Yb'ni f'6Yk À`h][i b['X]YgYf'\_`]a Uh]gW\Yb'JYfÀbXYfi b[Ybg]bX'Xf]b[YbX'YfZcfXYf`]W\"'6Y]gd]Y`gk Y]gY'ZØ\fh'X]Y'Ub\U`hYbXY HfcW\_Yb\Y]h']b'j ]Y`Yb'FY[]cbYb'ni 'Y]bYa 'F ØW\_[Ub['XYf 9fbhYYfhfÀ[Yž'k Ug'ZØf'@UbXk]fhY'i bX'JYfVfUi W\Yf VYgcf[b]gYffY[YbX']gh''8Yf'8Yi hgW\Y'6Ui Yfbj YfVUbX'fB6JŁ\Uh VYfY]hg'Ui Z'X]Y'Bchk YbX][\_Y]h'\]b[Yk]YgYbž'Ui Z[fi bX'XYf i bVYfYW\YbVUfYb'K YhhYfVYX]b[i b[Yb'5bdUggi b[gghfUhY[]Yb'ni Ybk]\W\_Y`b''

8]Y 5i gk]f\_i b[Yb XYg'?`]a Uk UbXY`g'VYhfYZZYb b]Wk h'bi f'X]Y @UbXk]fhgWk UZhž'gcbXYfb 'Ui Wk 'X]Y 'K UggYffYggci fWYb 'i bX 'X]Y 6]cX]j Yfg]hÀh" < ]hnYdYf]cXYb '\_ObbYb 'ni 'K UggYf\_bUdd\Y]h'ZØ\fYbž k À\fYbX 'FY[YbZÀ``Y 'cZh']b '\_OfnYfYbž']bhYbg]j YfYb 'D\UgYb Ui ZhfYhYbž'k Ug'XUg'F]g]\_c'j cb', VYfgWk k Ya a i b[Yb Yf\O\h"8]Y '6i bXYgi a k Y`ha ]b]ghYf]b '\Uh'XUfUi Z'\]b[Yk]YgYbž'XUgg A U» bU\a Yb'ni f'JYfVYggYfi b['XYf'K UggYfgdY]WkYfi b['i bX'ni a GWki hn'bUhØf`]WkYf'@YVYbgfÀi a Y'Xf]b[YbX'bchk YbX]['g]bXž'i a X]YgYb'< YfUi gZcfXYfi b[Yb'ni 'VY[Y[bYb"

8 YhU]`a

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. 'X]Y!bUWX f]WX hYb "bYh